

PAT-NO: JP410119598A
DOCUMENT-IDENTIFIER: JP 10119598 A
TITLE: DRIVING FORCE CONTROLLER OF VEHICLE

PUBN-DATE: May 12, 1998

INVENTOR-INFORMATION:

NAME	COUNTRY
YASUDA, SOTA	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
NISSAN MOTOR CO LTD	N/A

APPL-NO: JP08273614

APPL-DATE: October 16, 1996

INT-CL (IPC): B60K017/348 , B60K028/16 , B60K041/04 , F02D029/02

ABSTRACT:

PROBLEM TO BE SOLVED: To improve driving performance on a slippery road surface by increasing rate of driving force distributed to a sub-driving wheel via a torque slip control system after driving force of wheels is reduced via a traction control system at the time of racing of the wheels.

SOLUTION: A driving controller 1 suppresses racing of wheels by detecting racing of wheels FR, FL, RR and RL based on each wheel speed, opening and closing a second throttle valve 10 via an actuator 9 when these race and adjusting generated torque of an engine 4. When a coefficient μ of friction of a road surface is very low, a torque slip control system is operated after a traction control system is operated at first at the time of racing of back wheels RR and RL, driving force continuously changing a torque distribution to be transmitted to the front wheels FR and FL and the back wheels RR and RL from 0:100 to 50:50 is controlled and racing of the back wheels is suppressed.

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